EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"5813280".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L2	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L3	2	"5232062".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L4	109	oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L5	4	(resonator or sensor or transducer) same oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L6	13	("5973415").URPN.	USPAT	OR	ON	2010/10/01 11:44
L7	56	(tun\$4 or resonator) near5 piezo near5 electrode	USPAT	OR	ON	2010/10/01 11:44
L8	4	oscillat\$4 near5 (tun\$4 or resonator) near5 piezo near5 electrode	USPAT	OR	ON	2010/10/01 11:44
L9	2	"5813280".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44

L10	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L11	34	("20020101253" "3170094" "3378794" "3385104" "4633119" "4740726" "5232062" "5531126" "5808397" "5813280" "5973415" "6094971" "6404209" "6658946" "6914555").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L12	2	"4740726".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L13	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L14	46	("5531126").URPN.	USPAT	OR	ON	2010/10/01 11:44
L15	2	(measur\$4 or determin \$4 or evaluat\$4) near5 "fill level" near5 (viscosity and density) near5 (container or tube or pipe or vessel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L16	2	("20050140522" "5533381").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/01 11:44
L17	7	("5533381").URPN.	USPAT	OR	ON	2010/10/01 11:44
L18	2	"5813280".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44

L19	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L20	2	"5232062".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L21	0	oscillat\$4 near3 load adj3 (cell or bearing) near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L22	109	oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L23	4	(resonator or sensor or transducer)same oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L24	4	(resonator or sensor or transducer) same oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L25	13	("5973415").URPN.	USPAT	OR	ON	2010/10/01 11:44
L26	56	(tun\$4 or resonator) near5 piezo near5 electrode	USPAT	OR	ON	2010/10/01 11:44
L27	4	oscillat\$4 near5 (tun\$4 or resonator) near5 piezo near5 electrode	USPAT	OR	ON	2010/10/01 11:44
L28	2	"5813280".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44

L29	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L30	34	("20020101253" "3170094" "3378794" "3385104" "4633119" "4740726" "5232062" "5531126" "5808397" "5813280" "5973415" "6094971" "6404209" "6658946" "6914555").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L31	2	"4740726".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L32	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L33	46	("5531126").URPN.	USPAT	OR	ON	2010/10/01 11:44
L34	4	(resonator or sensor or transducer)same oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L35	56	(oscillat\$4 adj3 rod or tuning adj3 fork) near5 (container or tank or vessel or tube or pipe) same (viscosity or density or fill adj3 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L36	1	(oscillat\$4 adj3 rod or tuning adj3 fork) near5 variable adj3 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44

L37	1	(oscillat\$4 adj3 rod or tuning adj3 fork) same	US-PGPUB; USPAT; USOCR;	OR	ON	2010/10/01 11:44
		variable adj3 stiffness	FPRS; EPO; JPO; DERWENT; IBM_TDB	, manual man		11.77
L38	220	(oscillat\$4 adj3 rod or tuning adj3 fork) same stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L39	4	(oscillat\$4 adj3 rod or tuning adj3 fork) same stiffness same (fluid adj3 flow or flowmeter or flow adj1 meter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L40	401	(oscillat\$4 adj3 rod or tuning adj3 fork) same mechanical adj3 oscillat \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L41	61	(oscillat\$4 adj3 rod or tuning adj3 fork) near5 mechanical adj3 oscillat \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L42	107	(oscillat\$4 adj3 rod or tuning adj3 fork or rod) near5 mechanical adj3 oscillat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L43	5	(oscillat\$4 adj3 rod or tuning adj3 fork or rod) near5 mechanical adj3 oscillat\$4 near5 piezoelectric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L44	17	("5408168").URPN.	USPAT	OR	ON	2010/10/01 11:44
L45	2	"6644116".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44

L46	2	"7436100".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L47	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L48	2	"5813280".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L49	2	"7436100".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L50	268247	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency same match \$4 resonant near5 frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L51	166688	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency near5 match \$4 resonant near5 frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L52	65600	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency near5 match \$4 resonant near5 frequency near5 (oscillat\$4 adj3 rod or rod)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44

L53	64981	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency near5 match \$4 resonant near5 frequency near5 (oscillat\$4 adj3 rod or rod) near5 temperature near5 chang\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L54	64975	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency near5 match \$4 resonant near5 frequency near5 (oscillat\$4 adj3 rod or rod) near5 opposite adj3 phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L55	0	(tuning or calibrat\$4) near5 unit near5 frequency near5 match \$4 near5 resonant near5 frequency near5 (oscillat\$4 adj3 rod or rod) near5 opposite adj3 phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L56	0	(tuning or calibrat\$4) near5 unit near5 frequency near5 match \$4 same (oscillat\$4 adj3 rod or rod) near5 opposite adj3 phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L57	39	(tuning or calibrat\$4) near5 unit near5 frequency near5 match \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L58	64	(calibrat\$4 or alter\$4 or chang\$4) near5 stiffness near5 tuning	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L59	2	(calibrat\$4 or alter\$4 or chang\$4) near5 stiffness near5 tuning near5 (oscillator or rod)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44

L60	74	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L61	0	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning near5 (alter\$4 or chang\$4) near5 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L62	0	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning same (alter\$4 or chang\$4) near5 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L63	0	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning near5 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L64	0	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning same stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L65	2	"5796011".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L66	914	adjust\$4) near5 (resona	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L67	0	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 (chang\$4 or alter\$4 or adjust\$4) near5 (resona \$4 or frequency) near5 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44

L68	4	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) same (chang\$4 or alter\$4 or adjust\$4) near5 (resona \$4 or frequency) near5 stiffness	FPRS; EPO; JPO;	OR	ON	2010/10/01 11:44
L69	4	tuning near5 variable adj3 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L70	2	"7231826".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L71	4	"3553638".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L72	2	"7072244".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
S1	2	"5813280".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/28 12:22
S2	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/28 12:22
S3	2	"5232062".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/28 21:20

S5	100	oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/28 21:26
S10	4	(resonator or sensor or transducer) same oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/28 21:28
S11	12	("5973415").URPN.	USPAT	OR	ON	2009/03/28 21:31
S12	52	(tun\$4 or resonator) near5 piezo near5 electrode	USPAT	OR	ON	2009/03/28 21:36
S13	4	oscillat\$4 near5 (tun\$4 or resonator) near5 piezo near5 electrode	USPAT	OR	ON	2009/03/28 21:36
S14	2	"5813280".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/28 22:22
S15	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/28 22:22
S16	34	("20020101253" "3170094" "3378794" "3385104" "4633119" "4740726" "5232062" "5531126" "5808397" "5813280" "5973415" "6094971" "6404209" "6658946" "6914555").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/28 22:51
S17	2	"4740726".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/28 23:06

S18	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/28 23:51
S19	45	("5531126").URPN.	USPAT	OR	ON	2009/03/29 02:18
S23	2	(measur\$4 or determin \$4 or evaluat\$4) near5 "fill level" near5 (viscosity and density) near5 (container or tube or pipe or vessel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:12
S24	2	("20050140522" "5533381").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/18 00:17
S25	6	("5533381").URPN.	USPAT	OR	ON	2009/11/18 00:18
S26	2	"5813280".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S27	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S28	2	"5232062".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S29	0	oscillat\$4 near3 load adj3 (cell or bearing) near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S30	102	oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22

S34	4	(resonator or sensor or transducer)same oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S35	4	(resonator or sensor or transducer) same oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S36	12	("5973415").URPN.	USPAT	OR	ON	2009/11/18 00:22
S 37	54	(tun\$4 or resonator) near5 piezo near5 electrode	USPAT	OR	ON	2009/11/18 00:22
S38	4	oscillat\$4 near5 (tun\$4 or resonator) near5 piezo near5 electrode	USPAT	OR	ON	2009/11/18 00:22
S39	2	"5813280".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S40	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S41	34	("20020101253" "3170094" "3378794" "3385104" "4633119" "4740726" "5232062" "5531126" "5808397" "5813280" "5973415" "6094971" "6404209" "6658946" "6914555").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S42	2	"4740726".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22

S43	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S44	45	("5531126").URPN.	USPAT	OR	ON	2009/11/18 00:22
S45	4	(resonator or sensor or transducer)same oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/20 18:03
S46	56	(oscillat\$4 adj3 rod or tuning adj3 fork) near5 (container or tank or vessel or tube or pipe) same (viscosity or density or fill adj3 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/20 22:15
S47	1	(oscillat\$4 adj3 rod or tuning adj3 fork) near5 variable adj3 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/20 22:16
S48	1	(oscillat\$4 adj3 rod or tuning adj3 fork) same variable adj3 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/20 22:17
S49	212	(oscillat\$4 adj3 rod or tuning adj3 fork) same stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/20 22:17
S50	4	(oscillat\$4 adj3 rod or tuning adj3 fork) same stiffness same (fluid adj3 flow or flowmeter or flow adj1 meter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/20 22:18
S51	382	(oscillat\$4 adj3 rod or tuning adj3 fork) same mechanical adj3 oscillat \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/20 22:30

S52	60	(oscillat\$4 adj3 rod or tuning adj3 fork) near5 mechanical adj3 oscillat \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/20 22:30
S53	104	(oscillat\$4 adj3 rod or tuning adj3 fork or rod) near5 mechanical adj3 oscillat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/20 22:30
S54	5	(oscillat\$4 adj3 rod or tuning adj3 fork or rod) near5 mechanical adj3 oscillat\$4 near5 piezoelectric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/20 22:31
S55	16	("5408168").URPN.	USPAT	OR	ON	2009/11/20 23:00
S56	2	"6644116".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/21 16:09
S57	2	"7436100".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/21 16:53
S58	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 08:37
S59	2	"5813280".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 08:38
S60	2	"7436100".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 08:51

S61	267817	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency same match \$4 resonant near5 frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 08:56
S62	166421	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency near5 match \$4 resonant near5 frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 08:57
S63	65455	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency near5 match \$4 resonant near5 frequency near5 (oscillat\$4 adj3 rod or rod)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR		2010/09/27 08:58
S64	64836	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency near5 match \$4 resonant near5 frequency near5 (oscillat\$4 adj3 rod or rod) near5 temperature near5 chang\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 08:58
S65	64830	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency near5 match \$4 resonant near5 frequency near5 (oscillat\$4 adj3 rod or rod) near5 opposite adj3 phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 08:59
S66	0	(tuning or calibrat\$4) near5 unit near5 frequency near5 match \$4 near5 resonant near5 frequency near5 (oscillat\$4 adj3 rod or rod) near5 opposite adj3 phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:00
S67	0	(tuning or calibrat\$4) near5 unit near5 frequency near5 match \$4 same (oscillat\$4 adj3 rod or rod) near5 opposite adj3 phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:00

S68	39	(tuning or calibrat\$4) near5 unit near5 frequency near5 match \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:00
S 69	64	(calibrat\$4 or alter\$4 or chang\$4) near5 stiffness near5 tuning	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:06
S70	2	(calibrat\$4 or alter\$4 or chang\$4) near5 stiffness near5 tuning near5 (oscillator or rod)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:06
S71	74	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:23
S72	0	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning near5 (alter\$4 or chang\$4) near5 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:23
S73	0	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning same (alter\$4 or chang\$4) near5 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:24
S74	0	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning near5 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:24
S75	0	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning same stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:24

S76	2	"5796011".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:25
S77	913	(chang\$4 or alter\$4 or adjust\$4) near5 (resona \$4 or frequency) near5 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:29
S78	0	(chang\$4 or alter\$4 or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:30
S79	4	adjust\$4) near5 (resona	FPRS; EPO; JPO;	OR	ON	2010/09/27 09:30
S80	4	tuning near5 variable adj3 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:41
S81	2	"7231826".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 12:02
S82	4	"3553638".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 12:22
S83	2	"7072244".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 12:39

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